

Title (en)  
FLEXIBLE CROSSLINKED CABLE INSULATION AND METHODS FOR MAKING FLEXIBLE CROSSLINKED CABLE INSULATION

Title (de)  
FLEXIBLE VERNETZTE KABELISOLIERUNG UND VERFAHREN ZUR HERSTELLUNG DER FLEXIBLEN VERNETZTEN KABELISOLIERUNG

Title (fr)  
ISOLATION DE CÂBLE RÉTICULÉE FLEXIBLE ET PROCÉDÉS DE FABRICATION D'ISOLATION DE CÂBLE RÉTICULÉE FLEXIBLE

Publication  
**EP 3345193 A1 20180711 (EN)**

Application  
**EP 16770104 A 20160822**

Priority  
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• US 2016048016 W 20160822

Abstract (en)  
[origin: WO2017040089A1] Crosslinkable polymeric compositions comprising (a) 10 to 89 weight percent of an ethylene-based interpolymer having the following properties: (i) a density of 0.93 g/cm<sup>3</sup> or less, (ii) a high-shear viscosity (V100) at 190 C and 10 % strain of 1,200 Pa·s or less, (iii) a shear thinning ratio (V0.1/V100) at 190 C and 10 % strain of at least 8, and (iv) a melt index (I2) greater than 1 g/10 minutes; and (b) 10 to less than 90 weight percent of a filler, where the ethylene-based interpolymer is not prepared in a high-pressure reactor. Such crosslinkable polymeric compositions may be employed as insulation layers in flexible power cables.

IPC 8 full level  
**H01B 3/44** (2006.01); **C08F 4/64** (2006.01); **C08F 210/16** (2006.01); **C08L 23/04** (2006.01)

CPC (source: EP KR US)  
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See references of WO 2017040089A1

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